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(54) COMMUNICATION METHOD, BASE STATION AND TERMINAL EQUIPMENT

(57)Abstract:

PROBLEM TO BE SOLVED: To effectively use a prepared transmission band by utilizing a 1st transmission channel for sound data or the like, having a fixed transmission capacity, and utilizing a 2nd transmission channel set to a large value of its transmission capacity when mass capacity data is transmitted.

SOLUTION: At the time of transmitting calling sound data, two-way communication is performed between a terminal and a base station by a transmitting and a receiving slot numbers T1 and R1 or between another terminal and the base station by slot numbers T2 and R2. Similarly, the base station can simultaneously communicate with to four terminals using one transmission frequency band by setting, e.g. four transmission channels. In the case of data requiring a transmission capacity twice the sound data transmission, channels using two slots of transmitting and receiving slot numbers T1, T2, R1 and R2 in one frame is set in one terminal. In the case of three times, three slots are used. When the setting of the number of using slots is performed at the time of data transmission other than such sound data, if a sufficient channel is free in the transmission band assigned to the base station, simultaneously using plural slots is permitted.



